

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Schadt et al.

Confirmation No.: 2454

Serial No.: 10/567,282, national stage of  
PCT/US04/17754

Group Art Unit: *To be assigned*

Filed: June 4, 2004

Examiner: *To be assigned*

For: COMPUTER SYSTEMS AND  
METHODS FOR INFERRING  
CAUSALITY FROM CELLULAR  
CONSTITUENT ABUNDANCE DATA

Attorney Docket No.: 9301-237-999

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56 and 1.97**

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Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the United States Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby invite the Examiner's attention to references A01-A20, B01-B14, and C01-C116 listed on the attached form entitled List of References Cited by Applicant. Copies of references A14, A15, A16, B01-B14, and C01-C116 are enclosed.

While not to be construed as indicating that the Examiner should not fully consider all the listed references, the Examiner's attention is particularly directed to the following references:

- A14 Schadt et al., U.S. Patent Application Serial No. 11/361,871
- A15 Schadt et al., U.S. Patent Application Serial No. 10/558,928
- A16 Schadt et al., U.S. Patent Application Serial No. 10/540,405
- A17 Schadt et al., U.S. Patent Publication No. 2006 0122816 A1
- A18 Schadt et al., U.S. Patent Publication No. 2006 0111849 A1
- A19 Schadt et al., U.S. Patent Publication No. 2003 0224394 A1
- B01 PCT/US05/15419 International Search Report

- B02 PCT/US05/16917 International Search Report
- B03 PCT/US03/03100 International Search Report
- B04 PCT/US03/023976 International Search Report
- B05 WO 2004 013727
- B06 WO 2003 100557
- B07 PCT/US03/41613 International Search Report
- B08 WO 2003 065282
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- B10 WO 1999 13107
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- C94 Schadt et al., 2003, "Genetics of gene expression surveyed in maize, mouse and man," Nature 422:297-302
- C95 Schadt et al., 2003, "A new paradigm for drug discovery: integrating clinical genetic, genomic and molecular phenotype data to identify drug targets," Biochemical Society 31:437-443
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Serial No.: 10/567,282

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b)(4), since this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits, it is estimated that no fee is required. However, should the Patent Office determine otherwise, please charge the required fee to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed

Date:

8/22/06

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**LIST OF REFERENCES CITED BY APPLICANT**  
(Use several sheets if necessary)

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	A20	US 2003 0180761 A1	09/25/2003	Castonguay et al.			05/14/2003

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							YES	NO
	B01	PCT/US05/15419	05/02/2005	International Search Report				
	B02	PCT/US04/16917	05/28/2004	International Search Report				
	B03	PCT/US03/03100	02/03/2003	International Search Report				
	B04	PCT/US03/023976	08/01/2003	International Search Report				
	B05	WO 2004013727	02/12/2004	PCT				
	B06	WO 2003100557	12/04/2003	PCT				
	B07	PCT/US03/41613	12/24/2003	International Search Report				
	B08	WO 2003065282	08/07/2003	PCT				
	B09	PCT/US03/15768	05/20/2003	International Search Report				
	B10	WO 199913107	03/18/1999	PCT				
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	B14	WO 2005 107412	11/17/2005					

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<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with <b>MPEP 609</b> ; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			